

Abstract

This invention relates to organic electroluminescent elemental devices (organic EL devices) of excellent durability and to organic EL materials useful for such organic EL devices. The organic EL material of this invention comprises a tertiary aryl amine containing 2-4 nitrogen atoms forming triarylamine and, as impurity, compound (A) containing one less nitrogen atoms forming triarylamine than said tertiary aryl amine or compound (B) containing one more nitrogen atoms forming diarylamino groups than said tertiary aryl amine with the content of compound (A) controlled at 1 wt% or less and that of compound (B) at 2 wt% or less. Some of such tertiary aryl amines are selected from compounds represented by

$(Ar_1Ar_2N-)_2-Ar_3$, $(Ar_1Ar_2N-Ar_3-)_3-N$, $(Ar_1Ar_2N-Ar_3-)_2-N-Ar_4$ and $(Ar_1Ar_2N-)_4-Ar_5$ (wherein Ar_1 , Ar_2 and Ar_4 are independently monovalent aryl groups, Ar_3 is independently a divalent aryl group and Ar_5 is a tetravalent aryl group). The organic EL materials of this invention are used, for example, as hole transporting layer in organic EL devices.